LEAKTRACKER PRO

powered by **Trihydro**

Trihydro's LeakTracker Pro is a stand-alone software solution designed to help upstream and midstream oil and gas companies survey, track and report GHG and VOC emissions data as required by the EPA

Background

On June 3, 2016, the U.S. Environmental Protection Agency (EPA) issued a final New Source Performance Standard (NSPS) Subpart OOOOa to reduce greenhouse gases (GHG) and volatile organic compounds (VOCs) from new, reconstructed, and modified sources located in the "crude oil and natural gas source category." The rule specifically targets affected compressor stations and well sites for fugitive emission surveys on a fixed schedule.
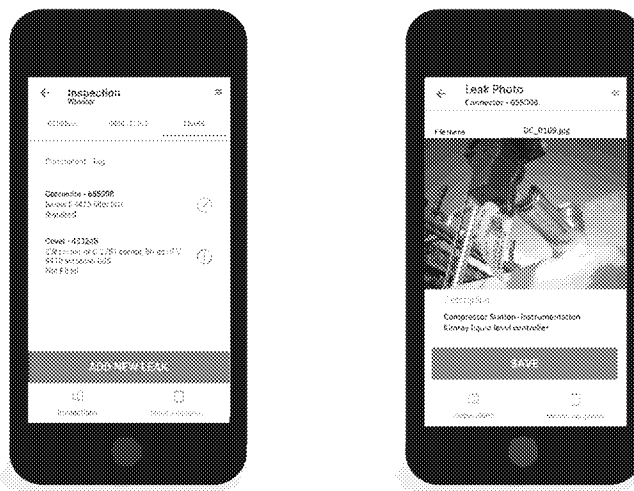
Affected compressor stations require quarterly monitoring and affected well sites require semiannual monitoring. Most facilities will use optical gas imaging (OGI) as the primary detection method since EPA defined OGI as the best system of emission reduction (BSER). Trihydro acknowledges this, and understands that it provides a cost savings opportunity for facilities that do not have existing Method 21 LDAR programs. Furthermore, these routine quarterly and semiannual inspections will require follow-up monitoring if fugitive emissions are not repaired during the initial survey. OGI is suggested for follow-up monitoring, but Method 21 (including soap bubble testing) can also be used. The owner/operator has thirty days after detection to repair any fugitive emission leaks found and an additional thirty days from repair to re-monitor and confirm repair.

In order to comply with the rule and manage the required timeframes, there are several layers of data that must be collected and retained. This includes survey-level information such as meteorological conditions and equipment documentation; and leak-level information
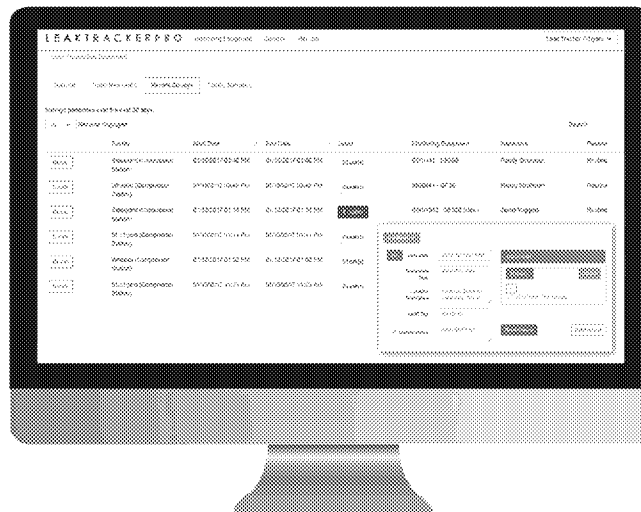
such as component type and location description. When using OGI at an untagged facility, the owner/operator must take a photo of a detected fugitive emissions component with GPS coordinates. To address the data management and record keeping requirements of NSPS OOOOa, Trihydro developed a cloud-based software solution called LeakTracker Pro.

LeakTracker Pro

LeakTracker Pro automates the collection of survey and leak data details to aid in compliance tracking, verification and electronic reporting as required by EPA. It is an easy-to-use application that facilitates efficient workflow, powerful data analysis, real-time user alerts, and easy reporting. LeakTracker Pro delivers the ability for owner/operators to track facilities in a company-defined area or asset management groups, depending on organizational structure. LeakTracker Pro provides intuitive methods for facility operators, maintenance, and OGI operators to input data. It also provides an effective way to manage existing leaks, delay of repair components, and includes scheduling assistance to ensure that leaks are repaired and confirmation of repair is conducted within the required timeframes. It increases the efficiency of any NSPS OOOOa program and eliminates the worry of recordkeeping gaps and errors at the field level. LeakTracker Pro provides easy access to data from any location with internet connectivity, allows for field collection of data with no connectivity, securely archives all data collected, and prepares for the future. All of this is designed to create efficiencies, cost savings, and maintain environmental compliance.

Trihydro

LeakTracker Pro field application runs on iOS and Android devices. A simple user interface enables your field team to easily collect the necessary data to maintain compliance.

The field application synchronizes data to the website enabling your team keep track of critical dates, inspections, repairs, as well as analyze trends and communicate information corporate-wide.

To learn more about LeakTracker Pro or to schedule a web demonstration please contact:

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